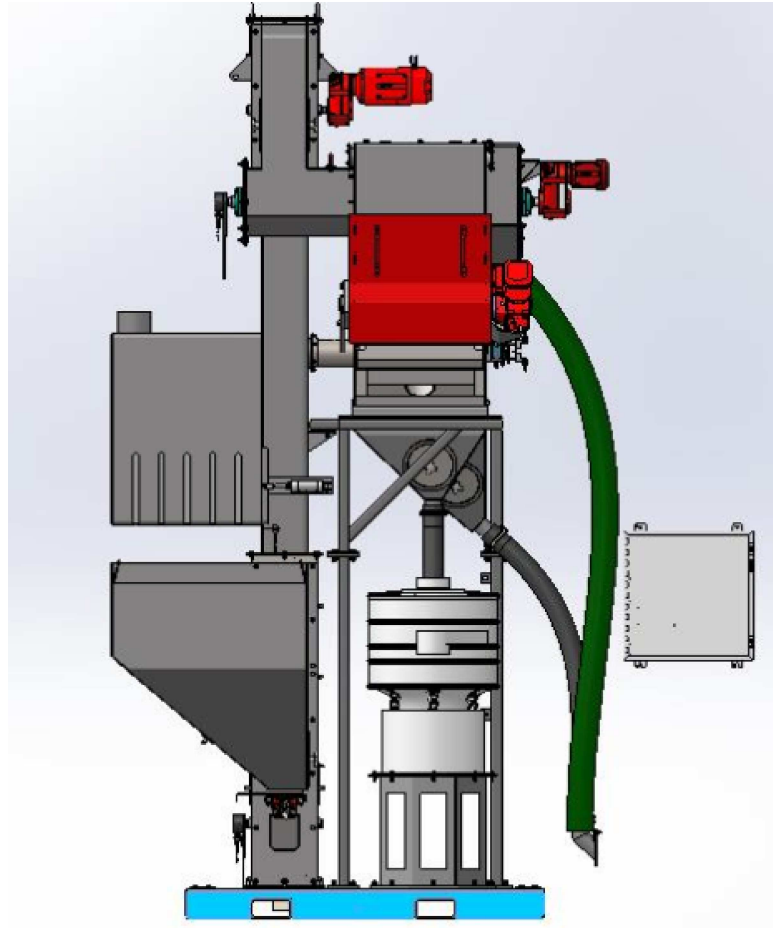
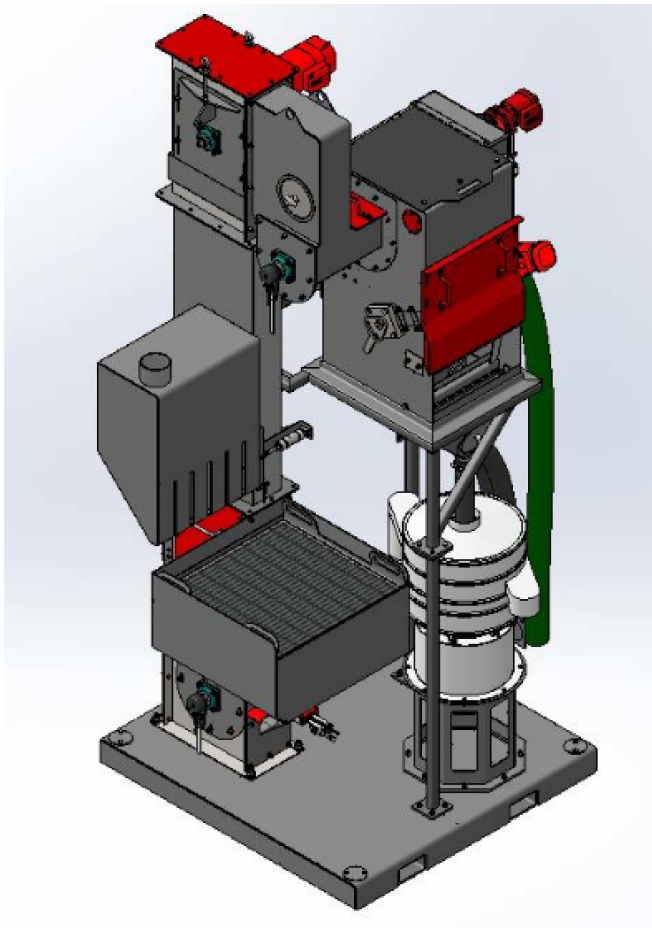




E20-14 SHOT SAVER SYSTEM

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CONTRACT NO: E20-14	DATE: 9/20/2022	SIZE B	CUSTOMER: NEENAH FOUNDRY DESCRIPTION: SHOT SAVER SYSTEM PLC CARD:
DRAWN BY: RK	DATE: 9/20/2022	RELEASE: AS BUILT - SHOP	REV 3
SCHEME: 1		PAGE: 1	OF 26

NAME PLATE

BLAST CLEANING TECHNOLOGIES
6682 W. GREENFIELD AVE., WEST ALLIS, WI. 53214
CUSTOMER SERVICE: 877.355.7577
YEAR OF CONSTRUCTION: 2021

WIRE: Copper Only
VOLTS: 480 Volts
AMPS: 9
PHASE: 3
FREQUENCY: 60 HZ
SCCR SYMMETRICAL: 65K
LARGEST MOTOR HP: 2
DRAWING NUMBER: E20-14
ENCLOSURE TYPE: 12
SERIAL NUMBER: E2014.1.5.2021
MODEL NUMBER: BCT SSS-OW

TORQUE VALUE CHART

TORQUE VALUE CHART

AB PART	TORQUE VALUE	LUGS
100-C09 THRU 100-C72	13...22 lb-in	POWER
193-EECB	18 lb-in	MAIN
193-EEDB	18 lb-in	MAIN
193-EEEB	18 lb-in	MAIN
193-EEFD	22 lb-in	MAIN
193-EEGE	40 lb-in	MAIN
193-T1APM	13...20 lb-in	MAIN
193-T1AB63	13...20 lb-in	MAIN
JM-60100-3CR	50 lb-in	POWER
140F-D3C-C30	15 lb-in	POWER
1492-FB1C30	22 lb-in	POWER
1492-FB2C30	22 lb-in	POWER
1492-FB3C30	22 lb-in	POWER
1492-FB3I60	35 lb-in	POWER
258-D013N114	15.6...19.1 lb-in	POWER
1494R-N3	275 lb-in	POWER
1494F-DX200	275 lb-in	CONDUCTOR INTO LUG
1494F-DX200	175 lb-in	LUG TO TERMINAL
1492-PD31123	275 lb-in	LINE SIDE
1492-PD31123	50 lb-in	LOAD SIDE (AWG #2 - #3)
1492-PD31123	35 lb-in	LOAD SIDE (AWG #10 - #14)
1769-PB4	11.24 lb-in	POWER
1769-IF4	6 lb-in	POWER
2711P	2...3 lb-in	POWER
100S-D140EZ122C	88...106 lb-in	POWER

WIRE NOTES:

- MOTOR CONTROL WIRE MINIMUM (#12 AWG)
- FIELD CONTROL WIRE MINIMUM (#16 AWG)
- ALL CONDUCTOR WIRING TO BE COPPER ONLY.
- WIRE INSULATION RATING 75°C

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CONTRACT NO:
E20-14
DRAWN BY: **RK** DATE: **9/20/2022**

SCHEME: 2

**BLAST
CLEANING
TECHNOLOGIES**

SIZE: **B** CUSTOMER: NEENAH FOUNDRY
DESCRIPTION: SHOT SAVER SYSTEM
PLC CARD:

REV
3

RELEASE: AS BUILT - SHOP PAGE: 2 OF 26

SEPARATOR METERING GATE PROXIMITY SWITCH

- ONE PROXIMITY SWITCH IS INCLUDED FOR THIS SEPARATOR.
- WHEN THE PROXIMITY SWITCH SENSES ABRASIVE THERE IS A PREDETERMINED TIME THAT IS SET. AFTER THE TIMER TIMES OUT, THE METERING GATE WILL OPEN UNTIL THE PROXIMTY SWITCH IS NOT SENSING ABRASIVE. THE METERING GATE WILL CLOSE TO START THE PROCESS OVER.

THE GOAL IS TO MAINTAIN A FULL ABRASIVE CURTAIN.

HOW TO ADJUST SEPARATOR PROXIMITY SWITCH SENSOR

EMPTY SETUP (NORMALLY OPEN)

- MOUNT THE SENSOR IN THE ACTUAL LEVEL SENSING POSITION FLUSH TO THE NON-METALLIC CONTAINER WALL.
- ALL CAPACITIVE SENSORS ARE ALREADY FACTORY PRESET TO THEIR MAXIMUM OPERATIONAL SENSING RANGE. THE SENSOR WILL INITIALLY TRIGGER ON THE CONTAINER WALL MATERIAL.
- THE SENSITIVITY HAS TO BE REDUCED BY TURNING THE POTENTIOMETER COUNTER CLOCK WISE UNTIL THE SENSOR SWITCHES OFF. INCREASE NOW THE SENSITIVITY CLOCK WISE BY 1/2 TURN TO SET THE SENSOR TO ITS OPTIMAL SENSITIVITY SETTING.
- THE SENSOR SHOULD SWITCH ON AT 40% TO 50% SENSING AREA COVERAGE. READJUST THE SENSITIVITY COUNTER CLOCK WISE IF THE COVERAGE IS ABOVE 50% AND CLOCK WISE IF THE COVERAGE IS BELOW 40%.

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CONTRACT NO: E20-14		SIZE B	CUSTOMER: NEENAH FOUNDRY
DRAWN BY: RK	DATE: 9/20/2022	DESCRIPTION: SHOT SAVER SYSTEM	
SCHEME: 3		PLC CARD:	REV 3
RELEASE: AS BUILT - SHOP		PAGE: 3 OF 26	

CAB1
BE12629



ELECTRICAL CABINET

PLC1
BE10098

192.168.222.37



PLC

HMI1
BE11904

192.168.222.24



HMI

MOTOR1
B15154

P = 2 HP 1800 RPM
FLA: 3.0 AMP



ELEVATOR

MOTOR2
B24171

P = 0.5 HP 1730 RPM
FLA: 0.92 AMP



ROTARY SCREEN

MOTOR3
M-3255

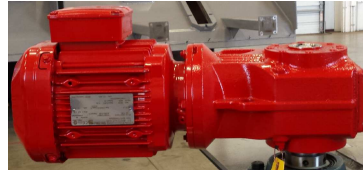
P = 0.75 HP 1645 RPM
FLA: 1.25 AMP



MAGNETIC DRUM

MOTOR4
B1042662

P = 1/3 HP 1200 RPM
FLA: 1.2 AMP



VIBRATORY SCREEN

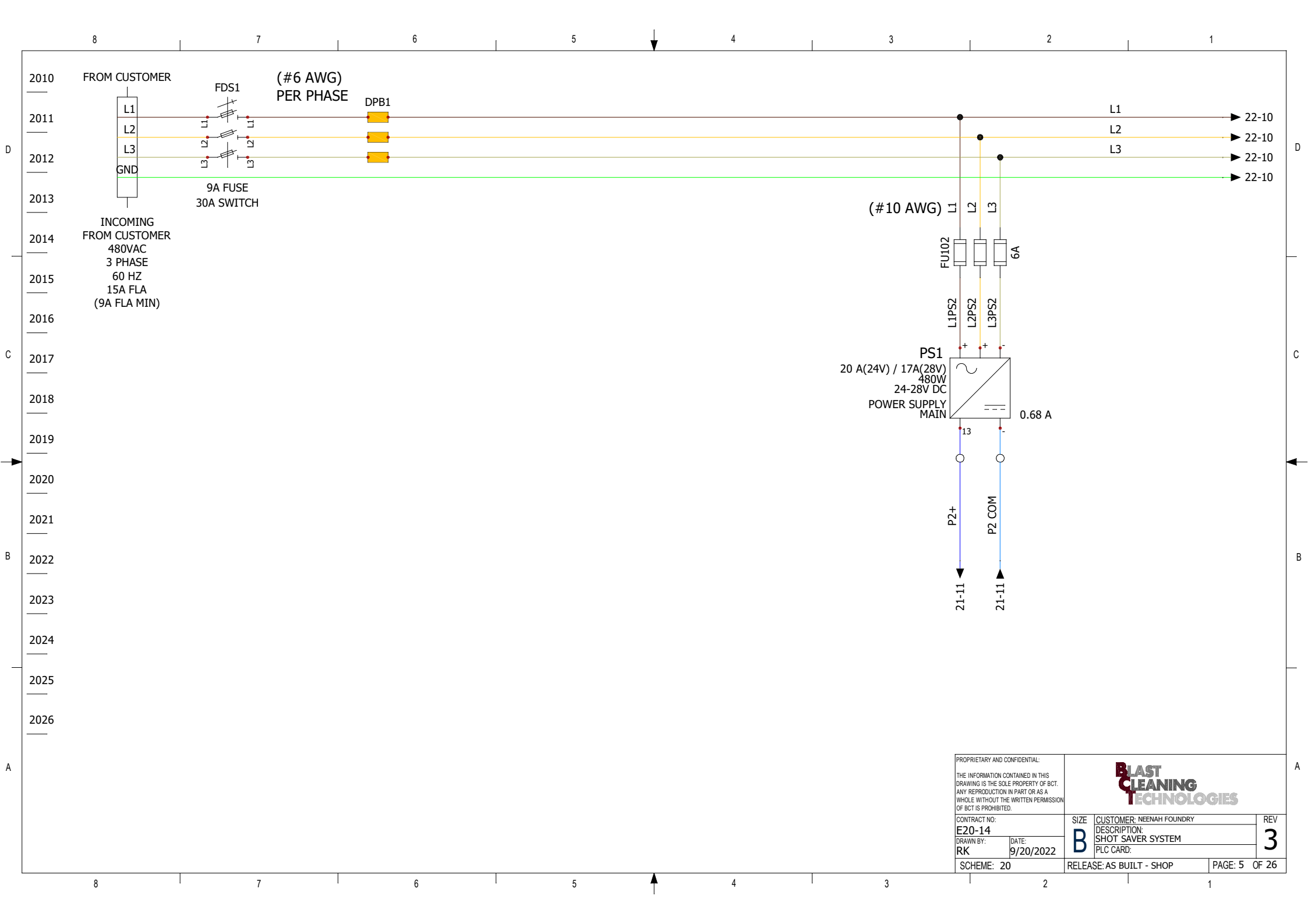
PROPRIETARY AND CONFIDENTIAL: THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF BCT. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF BCT IS PROHIBITED.				
CONTRACT NO: E20-14				
DRAWN BY: RK	DATE: 9/20/2022	SIZE B	CUSTOMER: NEENAH FOUNDRY DESCRIPTION: SHOT SAVER SYSTEM PLC CARD:	REV 3
SCHEME: 15			RELEASE: AS BUILT - SHOP	

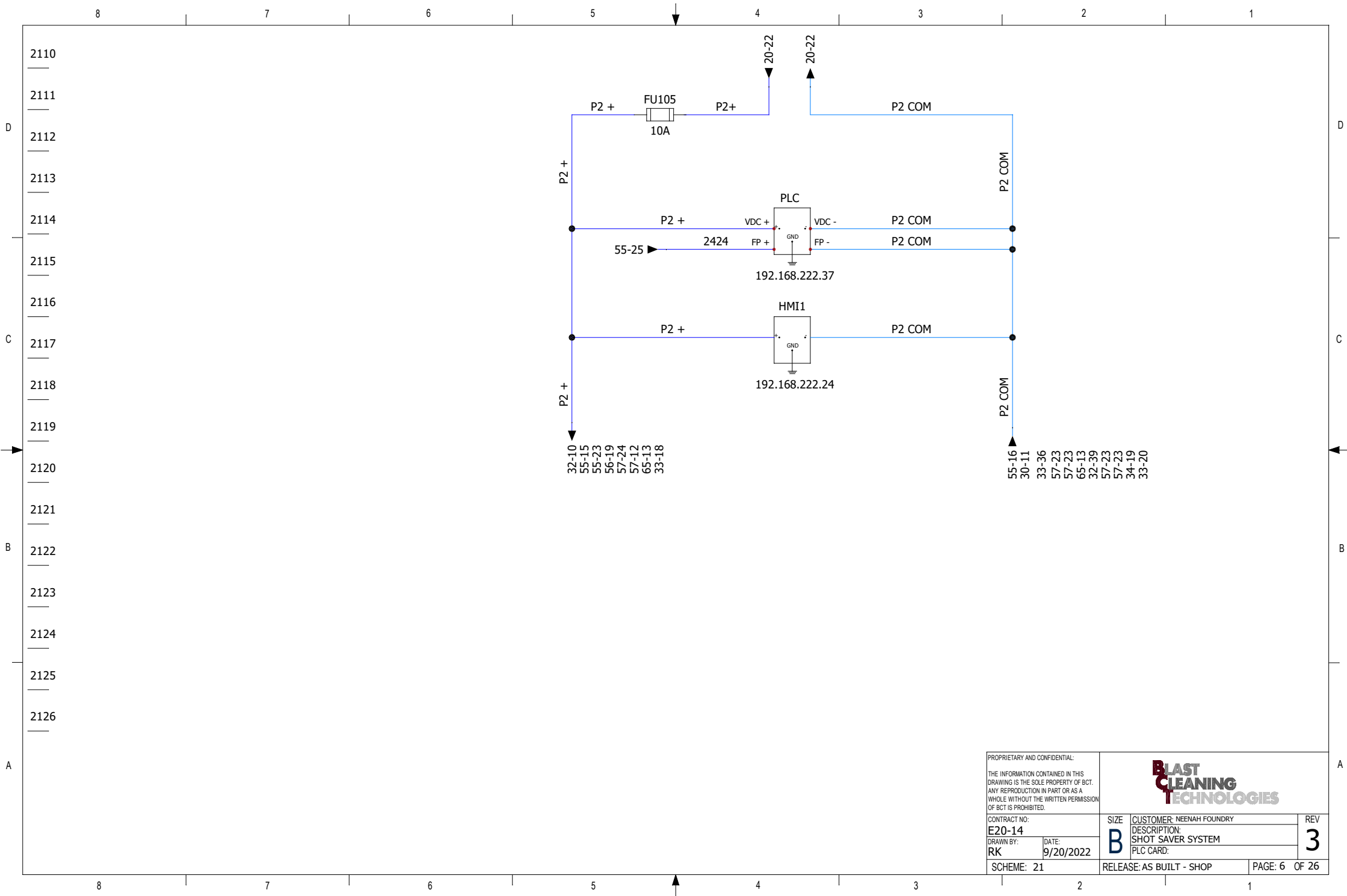
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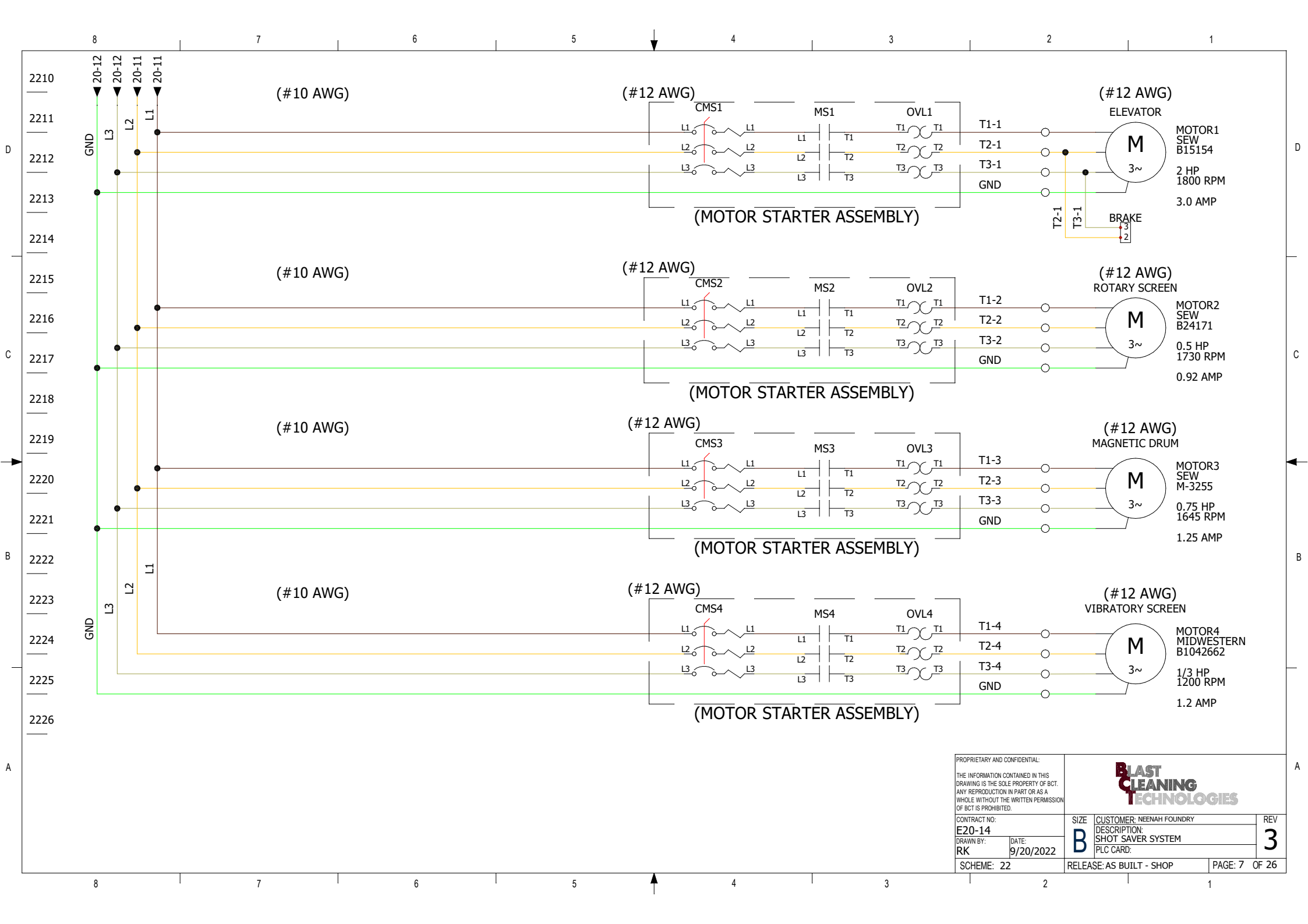
B

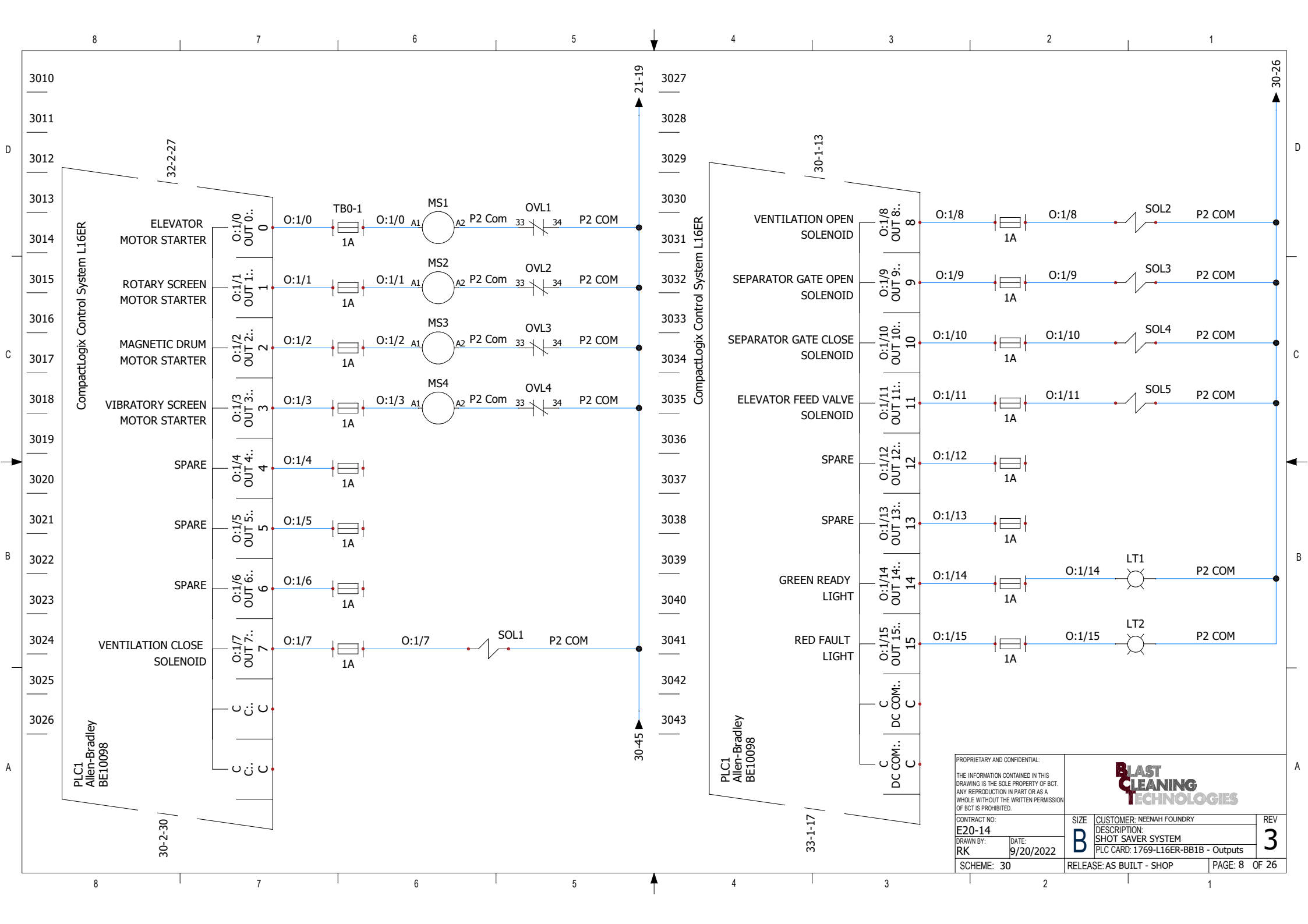
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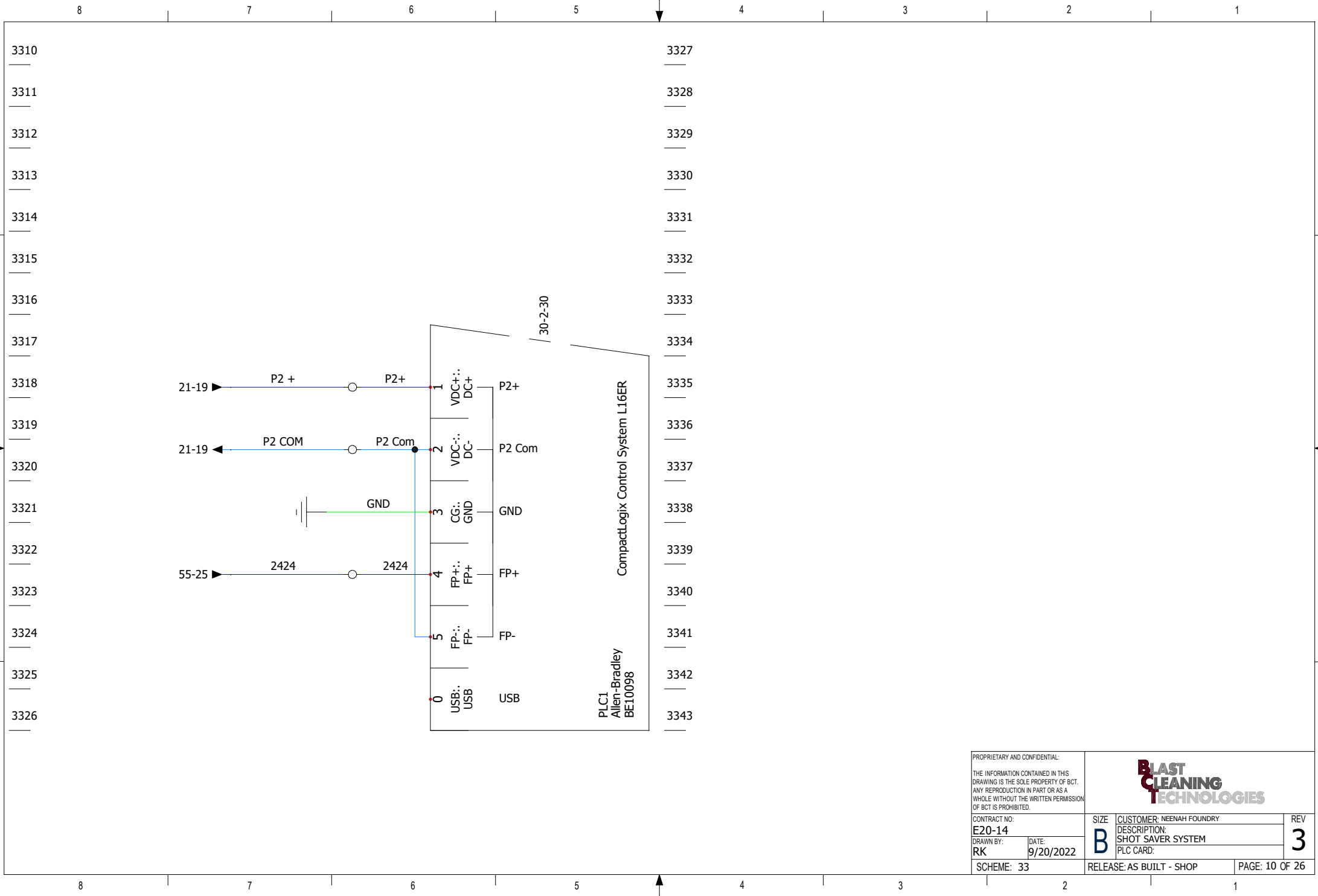
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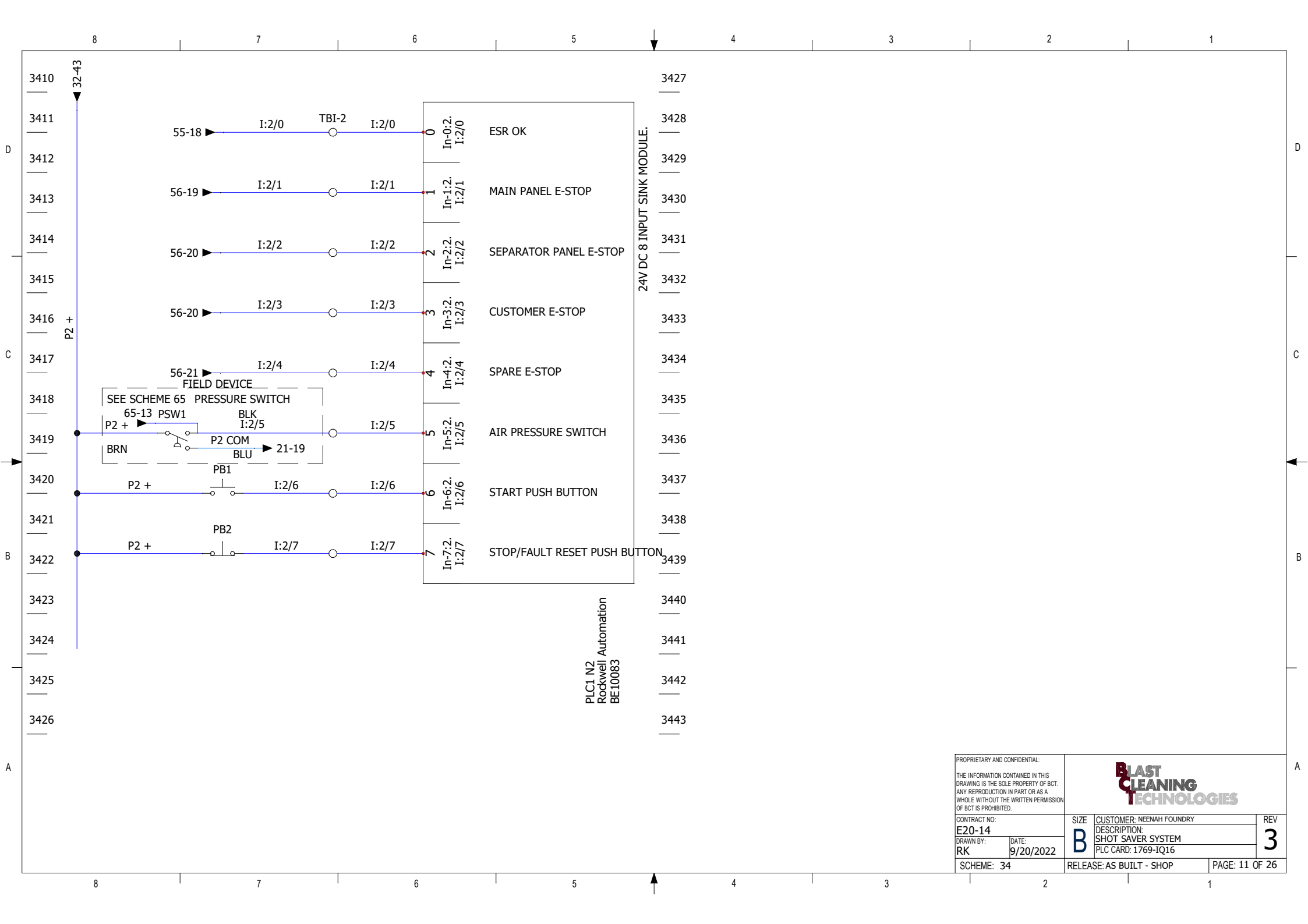


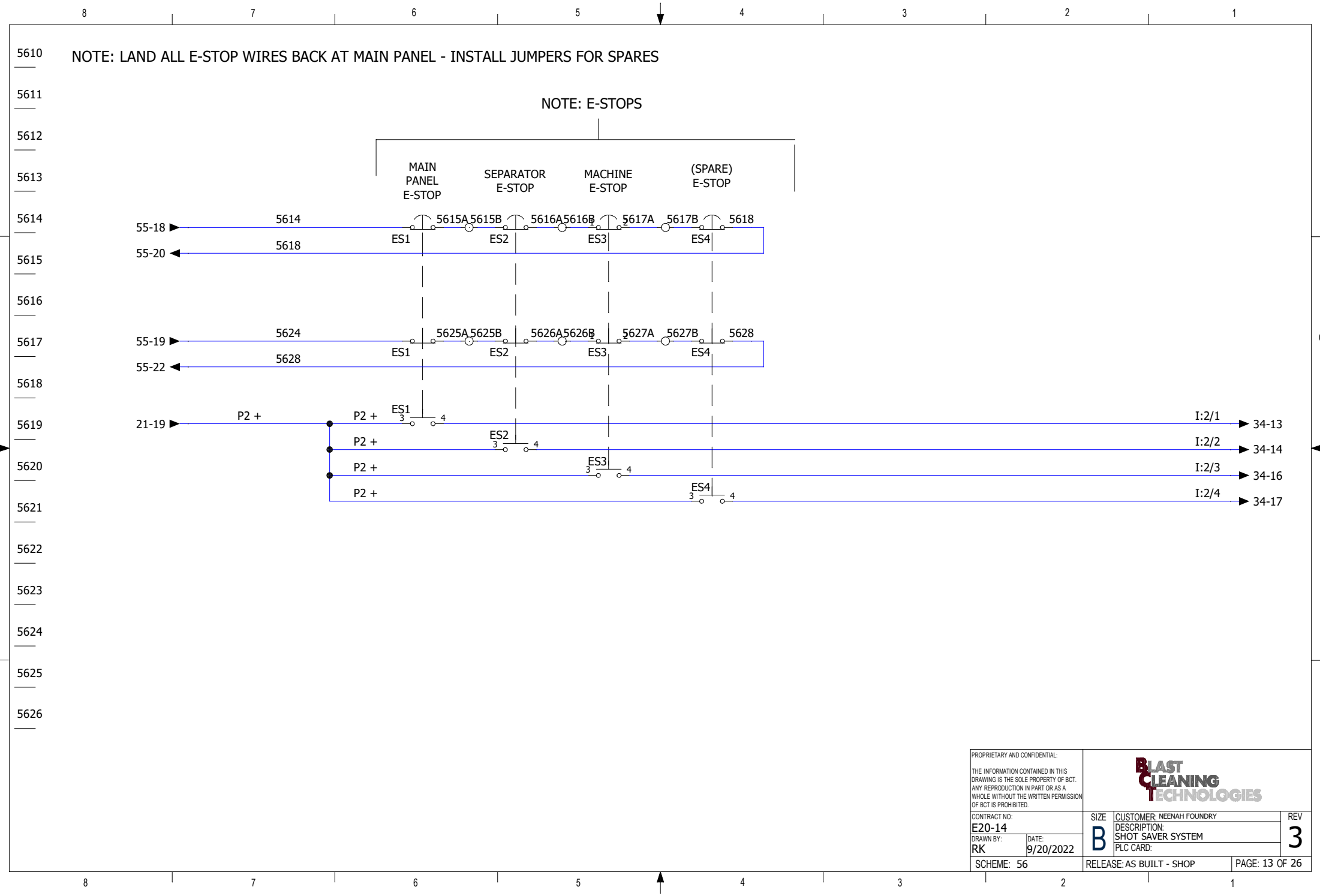




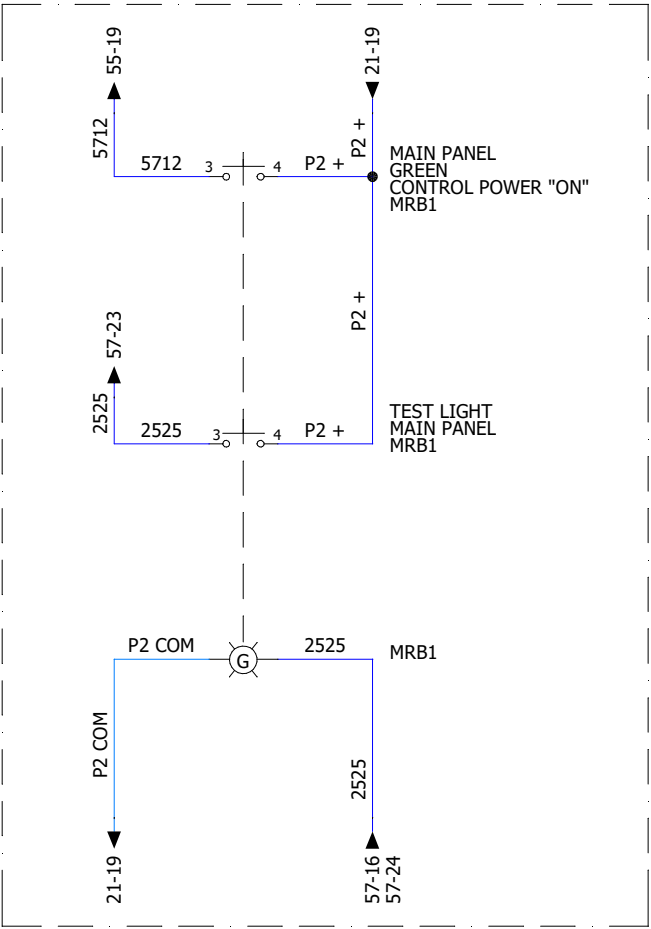


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CONTRACT NO: E20-14		SIZE B	CUSTOMER: NEENAH FOUNDRY	REV 3
DRAWN BY: RK	DATE: 9/20/2022		DESCRIPTION: SHOT SAVER SYSTEM	
SCHEME: 33		RELEASE: AS BUILT - SHOP		PAGE: 10 OF 26

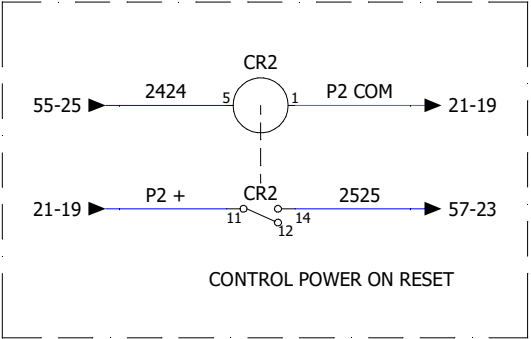




NOTE: CONTROL POWER "ON"

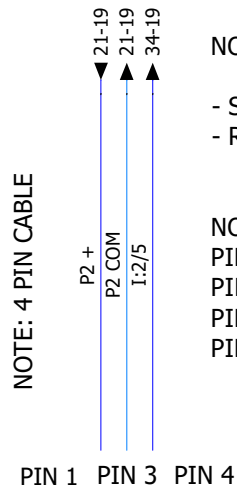


NOTE: RELAY FOR "TEST LIGHT"



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CONTRACT NO: E20-14	SIZE B	CUSTOMER: NEENAH FOUNDRY	REV 3
DRAWN BY: RK	DATE: 9/20/2022	DESCRIPTION: SHOT SAVER SYSTEM	PLC CARD:
SCHEME: 57		RELEASE: AS BUILT - SHOP	PAGE: 14 OF 26

NOTE: AIR PRESSURE SENSOR WIRE DIAGRAM
NOTE: SEE SCHEME 33



NOTE:

- SET @ 50 PSI
- RESET @ 40 PSI

NOTE: 4 PIN CABLE
PIN 1 = P2+
PIN 2 = NOT USED
PIN 3 = P2 Com
PIN 4 = I:2/5

NOTE:

PIN COLOR LAYOUT:

- 1) BROWN
- 2) WHITE
- 3) BLUE
- 4) BLACK



PSW1

4 Electrical connection



The unit must be connected by a suitably qualified electrician.

The national and international regulations for the installation of electrical equipment must be observed.

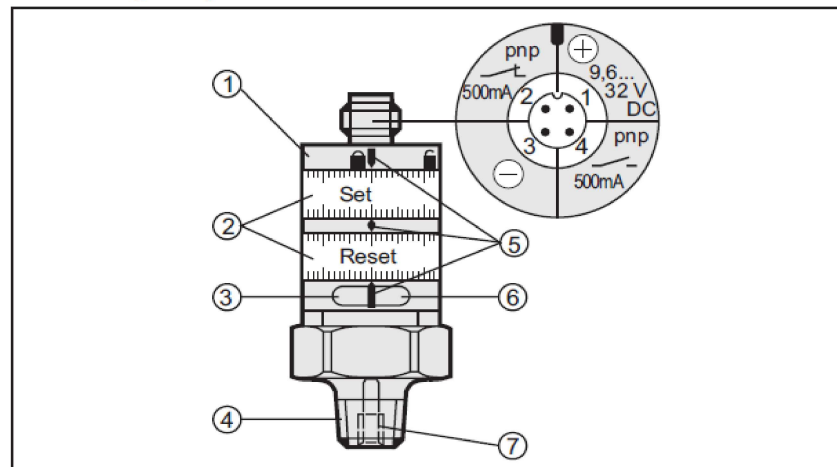
Voltage supply to EN50178, SELV, PELV.

For the scope of validity cULus: The device shall be supplied from an isolating transformer having a secondary Listed fuse rated either

- max 5 amps for voltages 0~20 Vrms (0~28.3 Vp) or
- 100/Vp for voltages of 20~30 Vrms (28.3~42.4 Vp).

► Disconnect power before connecting the unit.

5 Setting / Operation



- 1: locking ring
- 2: setting rings (manually adjustable after unlocking)
- 3: green LED: supply voltage O.K.
- 4: process connection 1/4" NPT; tightening torque 25 Nm
- 5: setting marks
- 6: yellow LED: Set value reached, OUT1 = ON / OUT2 = OFF
- 7: internal thread M5

- Minimum distance between Set and Reset = 2% of the final value of the measuring range.
- To obtain the setting accuracy: Set the rings to the minimum value, then set the requested value.

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CONTRACT NO:
E20-14
DRAWN BY: **RK** DATE: **9/20/2022**

SCHEME: 65

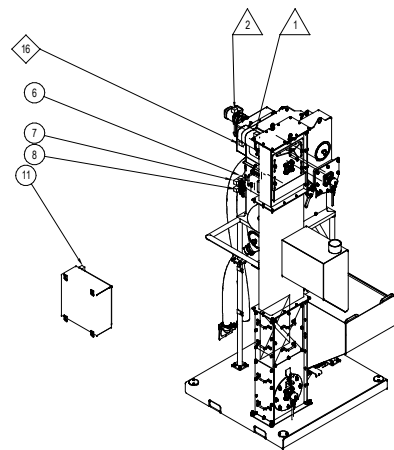
**BLAST
CLEANING
TECHNOLOGIES**

SIZE **B** CUSTOMER: NEENAH FOUNDRY
DESCRIPTION: SHOT SAVER SYSTEM
PLC CARD:

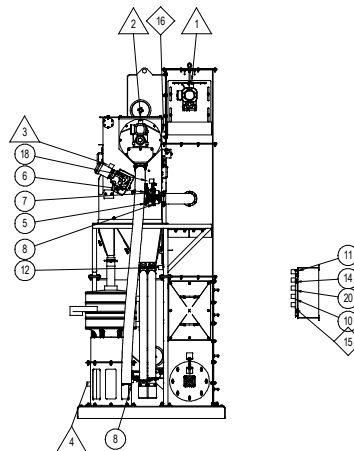
REV
3

RELEASE: AS BUILT - SHOP

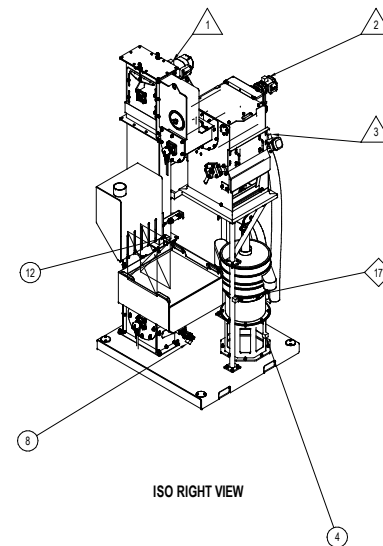
PAGE: 15 OF 26



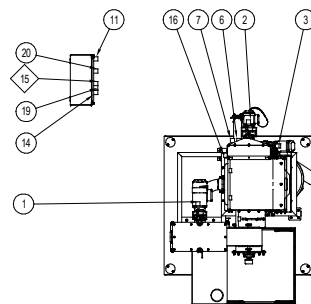
ISO LEFT VIEW



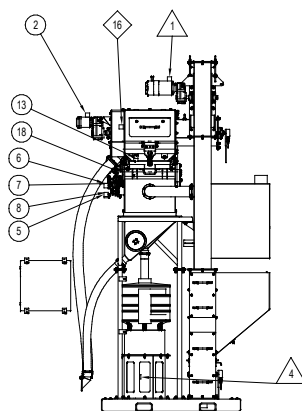
REAR VIEW



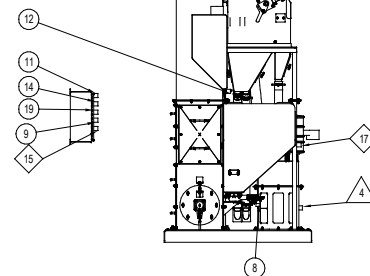
ISO RIGHT VIEW



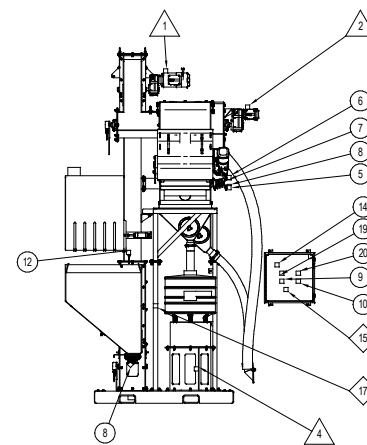
TOP VIEW



LEFT VIEW



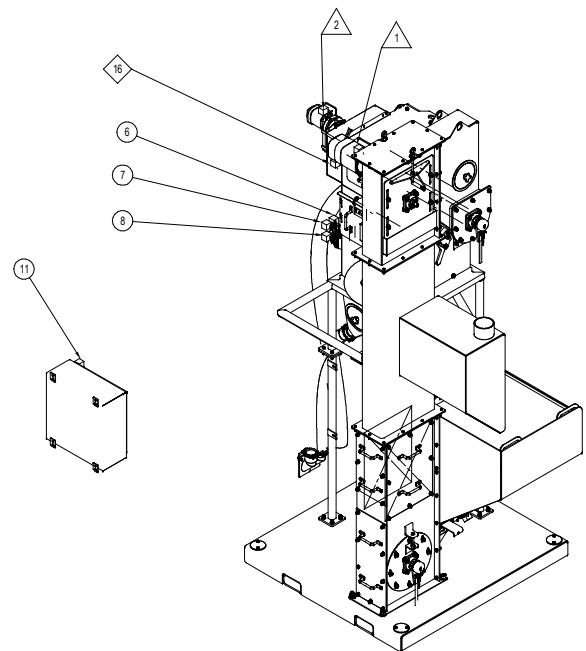
FRONT VIEW



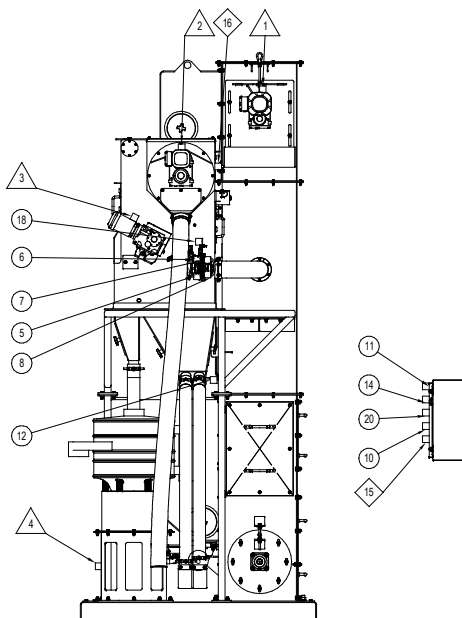
RIGHT VIEW

ITEM NO.	DESCRIPTION	I/O
1	ELEVATOR	O:1/0
2	ROTARY SCREEN	O:1/1
3	MAGNETIC DRUM	O:1/2
4	VIBRATORY SCREEN	O:1/3
5	VENTILATION CLOSE SOLENOID	O:1/7
6	VENTILATION OPEN SOLENOID	O:1/8
7	SEPARATOR GATE OPEN SOLENOID	O:1/9
8	SEPARATOR GATE CLOSE SOLENOID	O:1/10
9	GREEN READY LIGHT	O:1/14
10	RED FAULT LIGHT	O:1/15
11	DUST COLLECTOR INTERLOCK	I:1/9
12	VENTILATION GATE CLOSED PROX	I:1/13
13	SEPARATOR PROX	I:1/15
14	CONTROL POWER RESET	N/A
15	MAIN PANEL E-STOP	I:2/1
16	SEPARATOR PANEL E-STOP	I:2/2
17	MACHINE E-STOP	I:2/3
18	AIR PRESSURE SWITCH	I:2/5
19	START PUSH BUTTON	I:2/6
20	STOP PUSH BUTTON	I:2/7

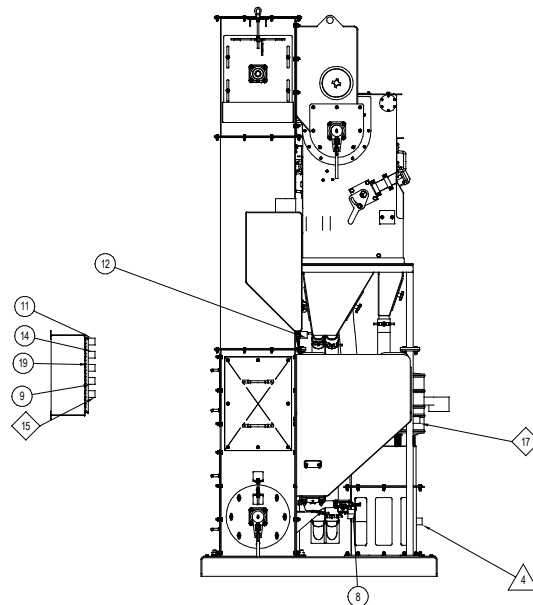
TRIANGLE FOR MOTORS
DIAMOND FOR E-STOPS
CIRCLE FOR OTHER



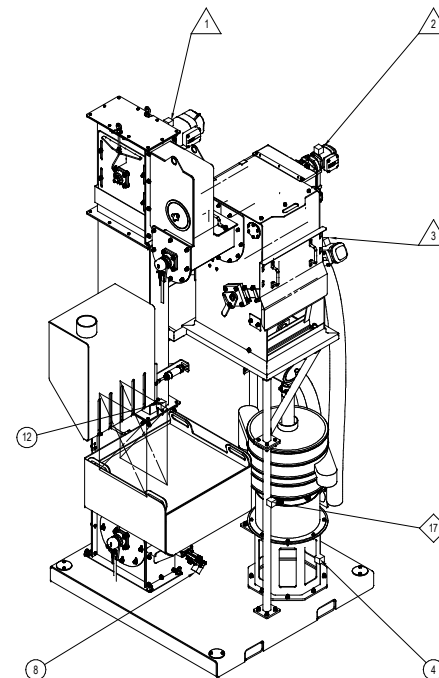
ISO LEFT VIEW



REAR VIEW

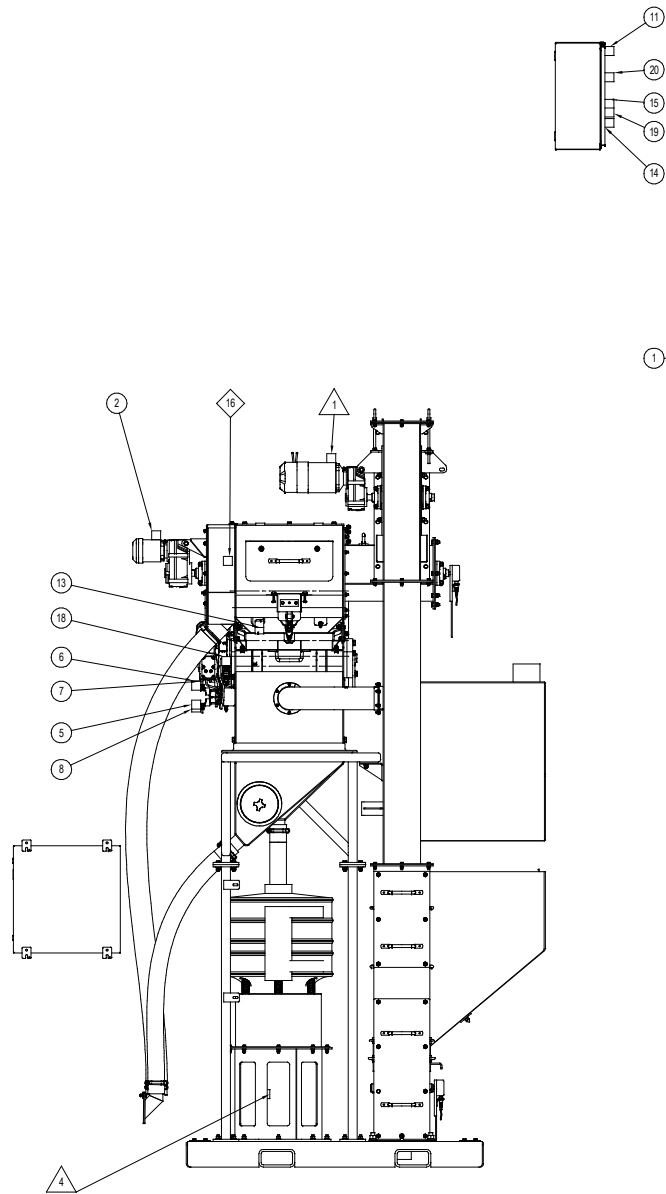


FRONT VIEW

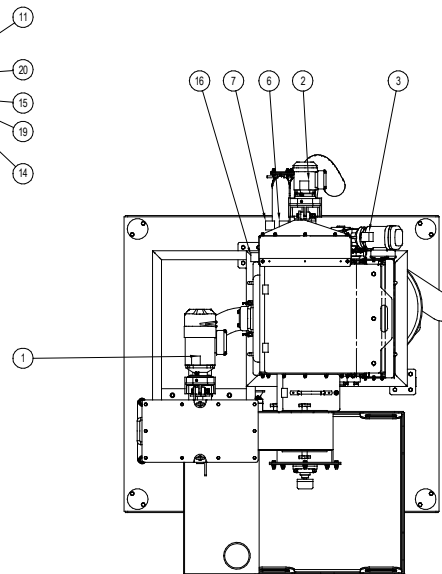


ISO RIGHT VIEW

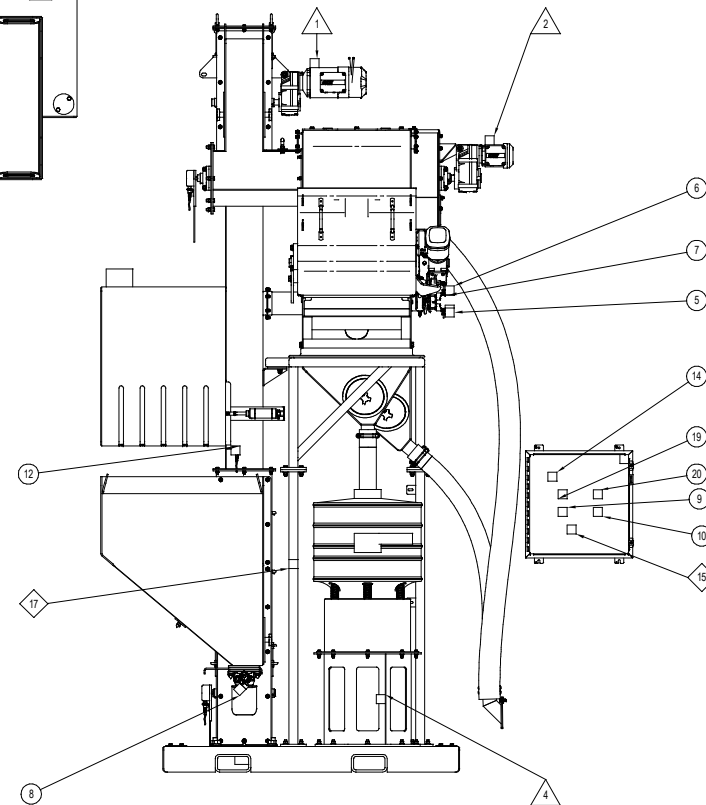
TRIANGLE FOR MOTORS
DIAMOND FOR E-STOPS
CIRCLE FOR OTHER



LEFT VIEW



TOP VIEW



RIGHT VIEW

TRIANGLE FOR MOTORS
DIAMOND FOR E-STOP
CIRCLE FOR OTHER

Allen-Bradley

Reference	Mark	Description	Quantity	Manufacturer
BE10098	PLC1	CompactLogix Control System L16ER	1	Allen-Bradley

BALLUFF

Reference	Mark	Description	Quantity	Manufacturer
M-7900	PROX2	CAPACITIVE SENSOR, 24VDC	1	BALLUFF
M-7901	PROX2	SIGNAL AMPLIFIER, 24VDC	1	BALLUFF
M-7902	PROX2	SIGNAL AMPLIFIER CABLE, 24VDC	1	BALLUFF

EATON

Reference	Mark	Description	Quantity	Manufacturer
BE12508	L1	GROUND BAR KIT	1	EATON

HOFFMAN

Reference	Mark	Description	Quantity	Manufacturer
BE12629	CAB1	CONTINUOUS HINGE BOX	1	HOFFMAN
BE12630	CAB1	CONTINUOUS HINGE BOX, PANEL	1	HOFFMAN
BE12602	L2	JIC BOX	1	HOFFMAN
BE12606	L2	JIC BOX, PANEL	1	HOFFMAN
BE12627	PBX1	EXTRA-DEEP PUSHBUTTON ENCLOSURES, TYPE 12	1	HOFFMAN

IBOCO

Reference	Mark	Description	Quantity	Manufacturer
BE12512	L1	DINOSAUR FLEXIBLE DUCT SELF ADHESIVE	1	IBOCO

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CONTRACT NO:
E20-14

DRAWN BY:
RK

DATE:
9/20/2022

SCHEME: 90

RELEASE: AS BUILT - SHOP

PAGE: 19 OF 26

B

**BLAST
CLEANING
TECHNOLOGIES**

CUSTOMER: NEENAH FOUNDRY

DESCRIPTION:
SHOT SAVER SYSTEM

PLC CARD:

REV
3

MERSEN

Reference	Mark	Description	Quantity	Manufacturer
BE13207	FU102	600V FUSE 6A ATDR	3	MERSEN
BE13209	FU105	600V FUSE 10A ATDR	1	MERSEN
BE13278	FDS1	TD FUSE 600V 9A AJT	3	MERSEN

MIDWESTERN

Reference	Mark	Description	Quantity	Manufacturer
B1042662	MOTOR4	SCREENER SEPARATOR W/ INTERNAL DIRECT DRIVE MOTOR (1/3HP, 1200RPM)	1	MIDWESTERN

PANDUIT

Reference	Mark	Description	Quantity	Manufacturer
BE12500	L1	TYPE G WIDE SLOT WIRING DUCT	2	PANDUIT
BE12501	L1	TYPE C COVER FOR FLUSH COVER WIRING DUCT	2	PANDUIT
BE12509	L1	SPIRAL WRAP	1	PANDUIT
BE12574	L1	ONE-HOLE, ALUMINUM, SINGLE BARREL LUG	1	PANDUIT

Rockwell Automation

Reference	Mark	Description	Quantity	Manufacturer
BE10083	N2	24V DC 8 INPUT SINK MODULE.	1	Rockwell Automation

ROCKWELL AUTOMATION

Reference	Mark	Description	Quantity	Manufacturer
BE10117	FDS1	1494U DISCONNECT SWITCH KIT	1	ROCKWELL AUTOMATION
BE10204	DPB1	POWER DISTRIBUTION BLOCK	1	ROCKWELL AUTOMATION
BE10209	DPB1	POWER DISTRIBUTION BLOCK	1	ROCKWELL AUTOMATION

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CONTRACT NO:
E20-14

DRAWN BY:
RK

DATE:
9/20/2022

SCHEME: **91**

B

SIZE

CUSTOMER: NEENAH FOUNDRY

DESCRIPTION:
SHOT SAVER SYSTEM

PLC CARD:

RELEASE: AS BUILT - SHOP

PAGE: 20 OF 26

**BLAST
CLEANING
TECHNOLOGIES**

REV
3

-> ROCKWELL AUTOMATION

Reference	Mark	Description	Quantity	Manufacturer
BE10400	FU105	FUSE HOLDER, 1 POLE, 30A	1	ROCKWELL AUTOMATION
BE10402	FU102	FUSE HOLDER, 3 POLE, 30A	1	ROCKWELL AUTOMATION
BE10606	PS1	1606 ESSENTIAL POWER SUPPLY, 380...480V AC, 600V DC, 24...28V/240 W	1	ROCKWELL AUTOMATION
BE11401	ESR1	GUARDMASTER DUAL INPUT SAFETY RELAY	1	ROCKWELL AUTOMATION
BE11531	LT2	800T PILOT LIGHT, RED	1	ROCKWELL AUTOMATION
BE11533	LT1	800T PILOT LIGHT, GREEN	1	ROCKWELL AUTOMATION
BE11611	ES1	LEGEND PLATE	1	ROCKWELL AUTOMATION
BE11683	PB2	MOMENTARY CONTACT PUSH BUTTON, RED, NON-ILLUMINATED, NO CONTACTS	1	ROCKWELL AUTOMATION
BE11688	ES1	30MM PUSH-PULL DEVICE	1	ROCKWELL AUTOMATION
BE11689	ES1	CONTACT BLOCK	2	ROCKWELL AUTOMATION
BE11690	ES1	CONTACT BLOCK	1	ROCKWELL AUTOMATION
BE11691	ES1	MUSHROOM HEAD, RED WITH "E-STOP"	1	ROCKWELL AUTOMATION
BE11692	MRB1	30.5MM ILLUMINATED PUSH BUTTON WITH GUARD	1	ROCKWELL AUTOMATION
BE11693	MRB1	30.5MM ILLUMINATED PUSH -TO-TEST BUTTON CAP	1	ROCKWELL AUTOMATION
BE11694	MRB1	REPLACEMENT LAMP, LED, GREEN	1	ROCKWELL AUTOMATION
BE11695	MRB1	800T UNIVERSAL LED MODULE	1	ROCKWELL AUTOMATION
BE11696	MRB1, PB1	CONTACT BLOCK, SHALLOW BLOCK, 2 N.O.	2	ROCKWELL AUTOMATION

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CONTRACT NO: E20-14		SIZE B	CUSTOMER: NEENAH FOUNDRY
DRAWN BY: RK		DATE: 9/20/2022	DESCRIPTION: SHOT SAVER SYSTEM
SCHEME: 92		RELEASE: AS BUILT - SHOP	REV 3
		PAGE: 21 OF 26	

8	7	6	5	4	3	2	1
-> ROCKWELL AUTOMATION							
Reference	Mark	Description	Quantity	Manufacturer			
BE11904	HMI1	PANELVIEW PLUS 7 STANDARD TERMINAL	1	ROCKWELL AUTOMATION			
BE12200	TBF1, TBF2, TBF3, TBF4, TBF5, TBF6, TBF7, TBF8, TBF9, TBF10, TBF11, TBF12, TBF13, TBF14, TBF15, TBF16	FINGER-SAFE TERMINAL BLOCK	16	ROCKWELL AUTOMATION			
BE12201	L1	END BARRIER	1	ROCKWELL AUTOMATION			
BE12203	TBS-1-1, TBS-1-2, TBS-1-11, TBS-1-12, TBS-1-13, TBS-1-14, TBS-1-15, TBS-1-16, TBS-1-17, TBS-1-18, TBS-1-19, TBS-1-20, TBS-1-21, TBS-1-22, TBS-1-23, TBS-1-24, TBS-1-31, TBS-1-32, L1	IEC TERMINAL BLOCK, ONE-CIRCUIT FEED-THROUGH BLOCK	20	ROCKWELL AUTOMATION			
BE12204	P2 Com-1-1, PS2+1-1, TBI-2-1, TBI-1-1, TB+1-1, TB-1-1, TBI-1-2, TBI-2-2, TBI-1-3, TBI-2-3, TBI-1-4, TBI-2-4, TBI-1-5, TBI-2-5, TBI-2-6, TBI-1-6, TBI-1-7, TBI-2-7, TBI-2-8, TBI-1-8, TBI-1-9, TBI-1-10, TBI-1-11, TBI-1-12, TBI-1-13, TBI-1-14, TBI-1-15, TBI-1-16, L1	IEC TERMINAL BLOCK, ONE-CIRCUIT FEED-THROUGH BLOCK	40	ROCKWELL AUTOMATION			
BE12210	TB13-4, TB13-5, TB13-6, TB13-7, TB13-8, TB13-9, TB13-10, TB13-11, TB13-12, TB13-13, TB13-14, TB13-15	IEC TERMINAL BLOCK, ONE-CIRCUIT FEED-THROUGH BLOCK	12	ROCKWELL AUTOMATION			
BE12213	TGND1-102, TGND1-103, TGND1-104, TGND1-105, L1	IEC TERMINAL BLOCK, ONE-CIRCUIT FEED-THROUGH GROUND BLOCK	8	ROCKWELL AUTOMATION			
BE12216	L1	END ANCHOR	10	ROCKWELL AUTOMATION			
BE12218	L1	END BARRIER	10	ROCKWELL AUTOMATION			
BE12220	L1	DIN MOUNTING RAIL	3	ROCKWELL AUTOMATION			
BE12221	L1	TERMINAL BLOCK SCREW CENTER JUMPER	2	ROCKWELL AUTOMATION			
BE13102	PB1	MOMENTARY CONTACT PUSH BUTTON, GREEN, NON-ILLUMINATED, NO CONTACTS	1	ROCKWELL AUTOMATION			
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					CONTRACT NO: E20-14		SIZE B
					DRAWN BY: RK		
					DATE: 9/20/2022		CUSTOMER: NEENAH FOUNDRY DESCRIPTION: SHOT SAVER SYSTEM PLC CARD:
					SCHEME: 93		
					RELEASE: AS BUILT - SHOP		REV 3
					PAGE: 22 OF 26		
8	7	6	5	4	3	2	1

-> ROCKWELL AUTOMATION

Reference	Mark	Description	Quantity	Manufacturer
BE13117	PB2	CONTACT BLOCK, SHALLOW BLOCK, 2 N.C.	1	ROCKWELL AUTOMATION
BE13405	CMS2	COMBINATION STARTER - DIN MOUNT - 1/3-1/2HP MOTOR	1	ROCKWELL AUTOMATION
BE13406	CMS3, CMS4	COMBINATION STARTER - DIN MOUNT - 0.5-0.75HP MOTOR	2	ROCKWELL AUTOMATION
BE13407	CMS1	COMBINATION STARTER - DIN MOUNT - 2HP MOTOR	1	ROCKWELL AUTOMATION
BE11611	ES2	LEGEND PLATE	1	ROCKWELL AUTOMATION
BE11688	ES2	30MM PUSH-PULL DEVICE	1	ROCKWELL AUTOMATION
BE11689	ES2	CONTACT BLOCK	2	ROCKWELL AUTOMATION
BE11690	ES2	CONTACT BLOCK	1	ROCKWELL AUTOMATION
BE11691	ES2	MUSHROOM HEAD, RED WITH "E-STOP"	1	ROCKWELL AUTOMATION
BE12204	L2	IEC TERMINAL BLOCK, ONE-CIRCUIT FEED-THROUGH BLOCK	6	ROCKWELL AUTOMATION
BE11611	ES3	LEGEND PLATE	1	ROCKWELL AUTOMATION
BE11688	ES3	30MM PUSH-PULL DEVICE	1	ROCKWELL AUTOMATION
BE11689	ES3	CONTACT BLOCK	2	ROCKWELL AUTOMATION
BE11690	ES3	CONTACT BLOCK	1	ROCKWELL AUTOMATION
BE11691	ES3	MUSHROOM HEAD, RED WITH "E-STOP"	1	ROCKWELL AUTOMATION

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CONTRACT NO: E20-14		SIZE B	CUSTOMER: NEENAH FOUNDRY
DRAWN BY: RK		DATE: 9/20/2022	DESCRIPTION: SHOT SAVER SYSTEM
SCHEME: 94		RELEASE: AS BUILT - SHOP	PLC CARD: 3
		PAGE: 23 OF 26	

SEW

Reference	Mark	Description	Quantity	Manufacturer
B15154	MOTOR1	(FA37GDRE90L4BE2HR) 2 HP, 85 RPM, 3.4 AMP	1	SEW
B24171	MOTOR2	(FA47GDRS71S4) 0.5 HP, 30 RPM, 0.92 AMP	1	SEW
M-3255	MOTOR3	(KA37TDRS71M4) 0.75 HP, 45 RPM, 1.25 AMP	1	SEW

Turck Inc

Reference	Mark	Description	Quantity	Manufacturer
M-1754	PROX1	INDUCTIVE PROXIMITY SWITCH (18mm), 24VDC	1	Turck Inc
M-5609	PROX1	PROXIMITY CABLE FOR PROX (M-1754) - (10 METER CABLE), 24VDC	1	Turck Inc

WHIRLIGIG/TURK

Reference	Mark	Description	Quantity	Manufacturer
B19676-024	ZSSW1, ZSSW2, ZSSW3	24 VDC ZERO SPEED COMBO, 8 PULSE - INCLUDES (B19675, M-1754, M-5609, B13536)	3	WHIRLIGIG/TURK

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CONTRACT NO:
E20-14

DRAWN BY:
RK

DATE:
9/20/2022

SCHEME: **95**

RELEASE: **AS BUILT - SHOP**

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B

**BLAST
CLEANING
TECHNOLOGIES**

SIZE
B

CUSTOMER: **NEENAH FOUNDRY**

DESCRIPTION:
SHOT SAVER SYSTEM

PLC CARD:

REV
3

1-Document book

Drawing	Description	Function	Location	Revision	Date	Created by	Folder	Folder description
01	Cover page	F1	L1	3	9/20/2022	RK		
02	Notes	F1	L1	3	9/20/2022	RK		
03	Separator Notes	F1	L1	3	9/20/2022	RK		
15	Cabinet & Motor Guide	F1	L1	3	9/20/2022	RK		
20	Power I	F1	L1	3	9/20/2022	RK		
21	Power II	F1	L1	3	9/20/2022	RK		
22	Power III	F1	L1	3	9/20/2022	RK		
30	Card #1 - 1769-L16ER-BB1B - Outputs	F1	L1	3	9/20/2022	RK		
32	Card #1 - 1769-L16ER-BB1B - Inputs	F1	L1	3	9/20/2022	RK		
33	Card #1 - 1769-L16ER-BB1B - Card Power	F1	L1	3	9/20/2022	RK		
34	Card #2 - 1769-IQ16 - Page 1	F1	L1	3	9/20/2022	RK		
55	Emergency Safety Relay (ESR)	F1	L1	3	9/20/2022	RK		
56	(ESR) E-Stop Wire Diagram	F1	L1	3	9/20/2022	RK		
57	(ESR) Safety Contactor & Control Power "ON"	F1	L1	3	9/20/2022	RK		
65	Air Pressure Switch Wire Diagram	F1	L1	3	9/20/2022	RK		
81	SHOT SAVER SYSTEM	F1		3	9/20/2022	RK	80	1 - Layout
82	Main electrical closet	F1	L1	3	9/20/2022	RK	80	1 - Layout
83	SHOT SAVER SYSTEM	F1	L1	3	9/20/2022	RK	80	1 - Layout
84	SHOT SAVER SYSTEM	F1	L1	3	9/20/2022	RK	80	1 - Layout
85	SHOT SAVER SYSTEM	F1	L1	3	9/20/2022	RK	80	1 - Layout
90	Bill of materials	F1	L1	3	9/20/2022	RK	90	2 - BOM
91	Bill of materials	F1	L1	3	9/20/2022	RK	90	2 - BOM
92	Bill of materials	F1	L1	3	9/20/2022	RK	90	2 - BOM
93	Bill of materials	F1	L1	3	9/20/2022	RK	90	2 - BOM
94	Bill of materials	F1	L1	3	9/20/2022	RK		2 - BOM

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CONTRACT NO:
E20-14
DRAWN BY:
RK
DATE:
9/20/2022

SCHEME: 105

SIZE
B

CUSTOMER: NEENAH FOUNDRY
DESCRIPTION:
SHOT SAVER SYSTEM
PLC CARD:

RELEASE: AS BUILT - SHOP

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BCT
CLEANING
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REV
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-> 1-Document book

Drawing	Description	Function	Location	Revision	Date	Created by	Folder	Folder description
95	Bill of materials	F1	L1	3	9/20/2022	RK	90	2 - BOM
105	Drawings list	F1	L1	3	9/20/2022	RK		
106	Drawings list	F1	L1	3	9/20/2022	RK		
110	Separator JIC Box 1	F1	L2	3	9/20/2022	RK	110	JIC Boxes

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CONTRACT NO: E20-14		SIZE B	CUSTOMER: NEENAH FOUNDRY	REV 3
DRAWN BY: RK	DATE: 9/20/2022	DESCRIPTION: SHOT SAVER SYSTEM		
SCHEME: 106		RELEASE: AS BUILT - SHOP		PAGE: 26 OF 26